

C O R E H I S T O L O G Y S O L U T I O N S

# TOTAL FLEXIBILITY PROVEN QUALITY

Leica Biosystems Staining and  
Glass Coverslipping Workstations  
The Smart Choice for Laboratories of All Sizes



Advancing Cancer Diagnostics  
Improving Lives

**Leica**  
BIO SYSTEMS

# FLEXIBILITY IS SMART

Versatile by design, Leica Biosystems workstations are adaptable to meet the needs of different laboratories, providing workflow consolidation and optimization.

## SYSTEM MODULARITY

Both the Leica ST5010 and ST5020 stainer are available as stand-alone instruments and as workstation solutions combining a routine stainer with a glass coverslipper.

## MULTISTAINING CAPABILITY

With two drawer systems and 30-capacity slide racks, laboratories can perform H&E, PAP and special staining protocols, alone or in combination.

## INDIVIDUAL TIMING AND PROGRAMMING

Parameters for each reagent station can be individually set to adjust staining to the pathologist's requirements.

## OPEN SYSTEM DESIGN

With the Leica CV5030 glass coverslipper, a broad range of mounting media can be used to accommodate the use of xylene and xylene substitutes.



# QUALITY IS SMART

Leica Biosystems workstations support high-quality staining & coverslipping while decreasing staff intervention, system maintenance and downtime.

## CONSISTENT, REPRODUCIBLE STAINING QUALITY

Leica Biosystems workstations allow you to provide exceptional results for both routine and special stains.

## HIGH-QUALITY GLASS COVERSIPPING

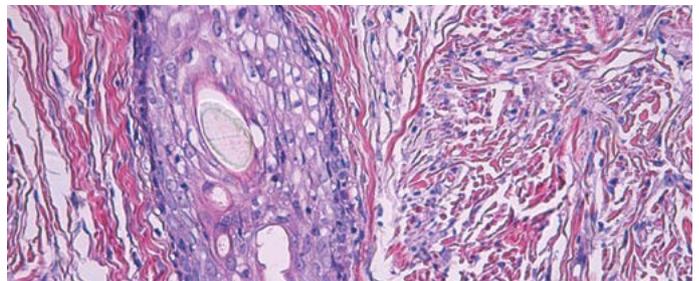
The superb optical quality of glass coverslips provides the perfect medium for precision digital scanning and image archiving.

## LESS CONSUMPTION AND WASTE

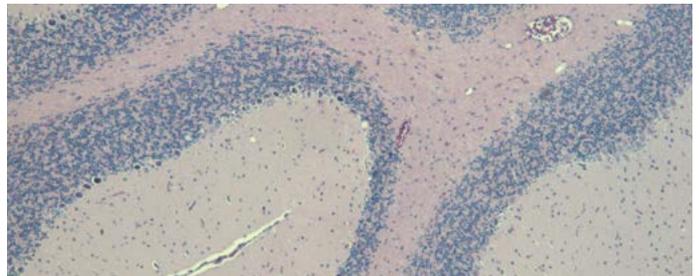
The Leica Biosystems workstations' efficient, economic operation includes features that can reduce water consumption in the slide stainer by as much as 80%.

## Environmental safety

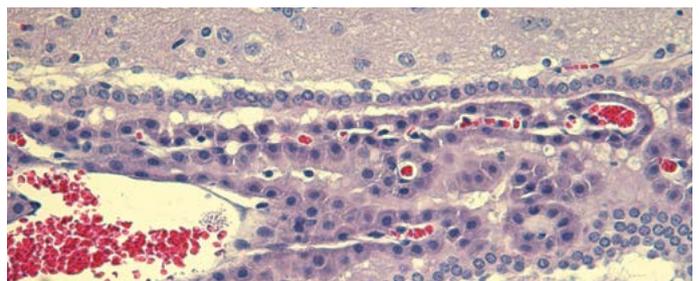
To promote a safe laboratory environment, Leica Biosystems workstations feature an integrated fume extraction system that reduces exposure to hazardous fumes.



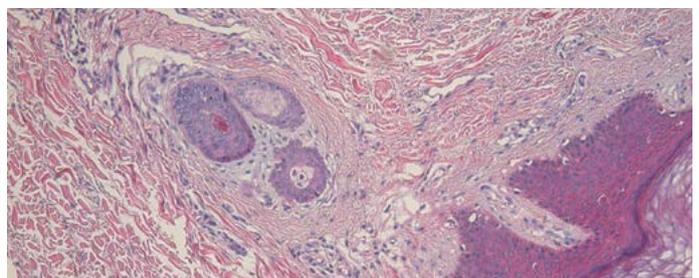
Skin/magnification x 200



Brain/magnification x 50



Brain/magnification x 200



Skin/magnification x 100

# SIMPLICITY IS SMART

Leica Biosystems workstations' simple, streamlined operation delivers faster turnaround time, less interaction from staff, reduced errors and fewer repeats.

## **CODERACK TECHNOLOGY**

A CodeRack technology integrated into the Leica ST5020 stainer automatically selects the staining protocol and starts the run when a rack of slides is loaded. This ensures correct program selection.

## **FULLY WALK-AWAY SOLUTION\***

Leica Biosystems totally integrated, fully automated workstations reduce user intervention and can be continuously loaded for increased throughput.

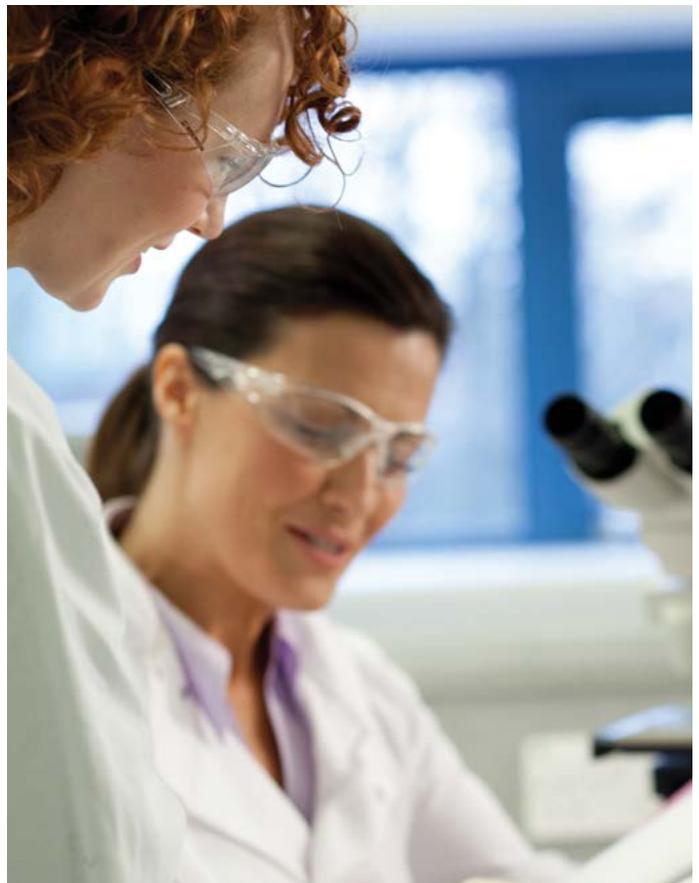
## **RELIABLE, HIGH-PERFORMANCE SOFTWARE**

Simplified programming and intuitive operation are designed into Leica Biosystems' robust, user-friendly software, complemented by a color touchscreen on the Leica ST5020 stainer.

## **CONVENIENT SLIDE RACKS**

Leica Biosystems workstations feature specially designed slide racks that do not require special adapters or accessories, reducing additional work.

\* Within range of audibility



# VALUE IS SMART

With workstations to meet specific requirements, laboratories can achieve a full range of benefits from less waste to improved workflow, all in a compact instrument –optimizing valuable time and space.

## SMART CONSUMABLES

From ready-to-use stain formulas and kits to superb cover glass, mounting media and slides, Leica Biosystems consumables support consistently reproducible results and long-term stability of slides.

## LONG-TERM RELIABILITY

Leica Biosystems is a trusted diagnostic partner delivering quality and dependable performance.

## ENHANCED PATIENT CARE

Providing workstations that help laboratories perform their important work, Leica Biosystems is committed to supporting accurate, trusted results for every patient, every day.



# CONSUMABLES

## ST INFINITY H&E STAINING SYSTEM

Leica Biosystems offers a full range of staining intensity with the ST Infinity H&E Staining System and the ST Infinity 2.0 stain kit for moderate to dark staining intensity. The H&E Staining Systems are ready-to-use and validated specifically for the Leica ST5010 and ST5020 stainers.



## SPECIAL STAIN KITS

For special stain procedures, Leica Biosystems large selection of kits provides optimized convenience and ensures superb staining, consistency and reproducibility. Validated staining protocols are available for use with the Leica ST5020 workstation.



## COVER GLASS

Complement your solution with coverglass by Leica Biosystems which is specially manufactured to prevent the coverglass from sticking together—improving workflow within the laboratory.



## MOUNTING MEDIA

Validated for use with the Leica CV5030 coverslipper as part of the ST5010 and ST5020 workstations, Leica Biosystems offers a variety of mounting media to match specific laboratory needs, offer high optical quality and rapid drying times.



## SLIDES

Many color and adhesive options make it easy to find the right slide for your application.



# INSTRUMENTS

## LEICA ST5020/CV5030 WORKSTATION

Advanced flexibility and convenience in the Leica ST5020 stainer/coverslipper workstation include the ability to perform HE, PAP and special staining protocols simultaneously. The Leica ST5020's Reagent Management System allows consistent staining results, and the workstation can be customized with optional ovens, heating station, water stations and up to four loading and unloading stations in each drawer.



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## LEICA ST5010/CV5030 WORKSTATION

Exceptional results are achieved with this time- and labor-saving workstation, providing consistent, high-quality staining and automatic transfer to the Leica Biosystems coverslipper. In addition to greater reliability, the Leica ST5010 stainer provides high throughput for HE staining protocols.



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## LEICA CV5030

The fully automated Leica CV5030 glass coverslipper delivers trusted quality and total integration into staining/coverslipping workstations for a fully walk-away solution\*.



\* Within range of audibility

## TOTAL WORKSTATION SOLUTIONS

In order to provide safe, accurate, high-quality diagnostics, laboratories require efficient, organized workflow processes. To help meet these important, ongoing requirements, Leica Biosystems supports its customers with a full spectrum of workstation, reagent and consumable solutions for Histology and Cytology.

- The Leica Biosystems line of quality reagents and consumables includes:
- Specially formulated staining system, ready-to-use formulas and special stain kits that offer convenience and consistently provide exceptional results
- High-quality, non-stick cover glass designed specifically for automated coverslippers
- Choice of mounting media that deliver exceptional quality and dependability as well as increased safety
- A wide range of slides to meet your specific requirements for any application with proven quality and reliability



Contact your Leica Biosystems representative today to learn more about our Core Histology solutions

[LEICABIOSYSTEMS.COM/CONTACT-US](https://www.leicabiosystems.com/contact-us)

Leica Biosystems is an international company with a strong network of worldwide customer services. For detailed contact information on your nearest sales office or distributor please visit our website: [LeicaBiosystems.com](https://www.leicabiosystems.com)

Leica Biosystems is a global leader in workflow solutions and automation. As the only company to own the workflow from biopsy to diagnosis, we are uniquely positioned to break down the barriers between each of these steps. Our mission of "Advancing Cancer Diagnostics, Improving Lives" is at the heart of our corporate culture. Our easy-to-use and consistently reliable offerings help improve workflow efficiency and diagnostic confidence. The company is represented in over 100 countries. It has manufacturing facilities in 9 countries, sales and service organizations in 19 countries, and an international network of dealers. The company is headquartered in Nussloch, Germany. Visit [LeicaBiosystems.com](https://www.leicabiosystems.com) for more information.

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